

# Biological & Chemical Warfare and Terrorism

## *Medical Issues and Response*



**Live Satellite Broadcast**  
**November 28, 29, & 30, 2001**  
**12:30-4:30 PM ET**  
**(Test Signal from 12:00-12:30 PM ET)**

**Taped Rebroadcast**  
**December 8 & 9, 2001**  
**10:30-4:30 PM ET**  
**(Test Signal from 10:00-10:30 PM ET)**



*Sponsored by The U.S. Army Medical Command*

The events of 11 September 2001 have significantly increased concern about the potential use of biological and chemical weapons by terrorists. This concern is heightened by concurrent intelligence assessments of offensive programs in certain foreign countries, numerous recent bioterrorism threats, advances in molecular biology, and the ease of information dissemination through the Internet. Military and civilian medical and public health professionals must become proficient in the recognition and management of biological and chemical casualties, and in notifying the appropriate response agencies. This live, interactive, three-day satellite broadcast will inform and educate health professionals about the proper medical response in the event of an intentional biological or chemical agent release. World-renowned experts from the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID), the U.S. Army Medical Research Institute of Chemical Defense (USAMRICD), and other organizations will present this program at no charge. The program will be hosted by the Medical Research and Materiel Command at no charge to the viewer.

### **Agenda/Objectives:**

#### **DAY 1 – Presents an overview of biological agents.**

- Identify biological pathogens of concern for use in warfare or terrorism;
- Identify the characteristics that make a biological pathogen an effective weapon;
- Describe the epidemiology, pathogenesis, clinical features, and medical management of potential pathogens and toxins.
- Identify 10 principles in the management of the clinical aspects of a biological weapon attack;
- Live Q & A session with experts in biological casualty care.

#### **DAY 2 – Presents an overview of chemical agents.**

- List the 4 major chemical agent classes and discuss the key effects on humans;
- Identify the key elements of pre-hospital medical management for each of the 4 major chemical agent classes;
- Identify continuing therapy options for chemical casualty care;
- Live Q & A session with experts in chemical casualty care.

#### **DAY 3 – Discusses the management of a biological or chemical warfare or terrorist event with experts. Describes the roles of the first responder, public health and medical personnel.**

- Describe differences and similarities of biological and chemical agents and effects;
- Describe principles of decontamination for chemical and biological agent casualties;
- Describe personal protection for chemical and biological terrorism incidents;
- Identify components of the primary care providers', public health and community response to a biological or chemical terrorism incident;
- Identify psychological effects of chemical and biological terrorism.
- Live Q & A session with experts in chemical and biological casualty management.

### **Target Audience:**

- Military and civilian medical care providers;
- Public health professionals (e.g., epidemiologists, laboratorians and veterinarians) who are involved in disease surveillance and prevention;
- Clinical laboratory staff, pharmacists;
- First responders and others who would assist in recognizing and managing casualties from a biological and chemical agent attack.

### **Accreditation Statement:**

The U.S. Army Medical Command is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The U.S. Army MEDCOM takes responsibility for the content, quality, and scientific integrity of this CME activity.

### **Credit Designation Statement:**

This activity has been approved for AMA PRA Credit.

### **Policy on Disclosure:**

As a sponsor accredited by the ACCME, it is the policy of the U.S. Army Medical Command to require the disclosure of the existence of any significant financial interest or any other relationship a faculty member or a sponsor has with the manufacturer(s) of any commercial product(s) discussed in an educational presentation. Faculty members have nothing to disclose.

### **Acknowledgment of Commercial Support:**

There is no commercial support associated with this activity.

Viewing Site: \_\_\_\_\_

Site Facilitator: \_\_\_\_\_

Phone Number:\_\_\_\_\_

#### **Individual Registration Instructions**

Individuals should register on-line at the web-site [www.biomedtraining.org](http://www.biomedtraining.org). You will be able to review and choose from a list of viewing sites available in your state. You must confirm your registration at a specific viewing site by using e-mail or telephone information indicated for your site facilitator. If you do not have Internet access or cannot complete your registration on-line, please call RegisterAmerica.net at (850) 784-6002, Ext 16 for assistance.

#### **Specific Satellite Coordinates**

Specific coordinates will be available 30 days prior to the program.

#### **Test Signal**

The test signal for the live satellite broadcast will be from 12:00 - 12:30 PM ET on the same day of the program in November. Broadcast of the program begins promptly at 12:30 PM on November 28,29, and 30. The test signal for the rebroadcast will be from 10:00 – 10:30 AM ET on the same day of the program in December. Broadcast of this program begins promptly at 10:30 AM on December 8 – 9 .

the local site facilitator who will register your facility at [www.biomedtraining.org](http://www.biomedtraining.org). If you do not have access to the Internet or cannot complete your site registration on-line, please call RegisterAmerica.net at (850) 784-6002, Ext 16 for assistance.

They will help you register or determine if your organization or installation has been registered as a downlink site. The local site facilitator must reserve a classroom and obtain a local technical point of contact (POC), and should be prepared to be the main POC for information regarding their facility (i.e., satellite downlink capability, FTS2000 site code/ID, and/or VTC system dial-in number).

#### **Satellite Technical Specifications**

The broadcast will be available as C-band, Ku-band, and digital (FTS2000: i.e. Air Warrior, AETC, ATN, etc.) satellite signals, as well as a VTC signal via the U.S. Army Medical Command's (MEDCOM) VTC Bridge. Arrangements can be made to use the MEDCOM bridge by calling 210-637-2256 or DSN 471-9706 extension 2256.

November live broadcast and December taped rebroadcast: The program is available throughout the U.S., including Alaska, Hawaii, Puerto Rico, and southern Canada.

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#### **Site Facilitator Instructions**

Ensure your organization or installation has assigned one person to act as